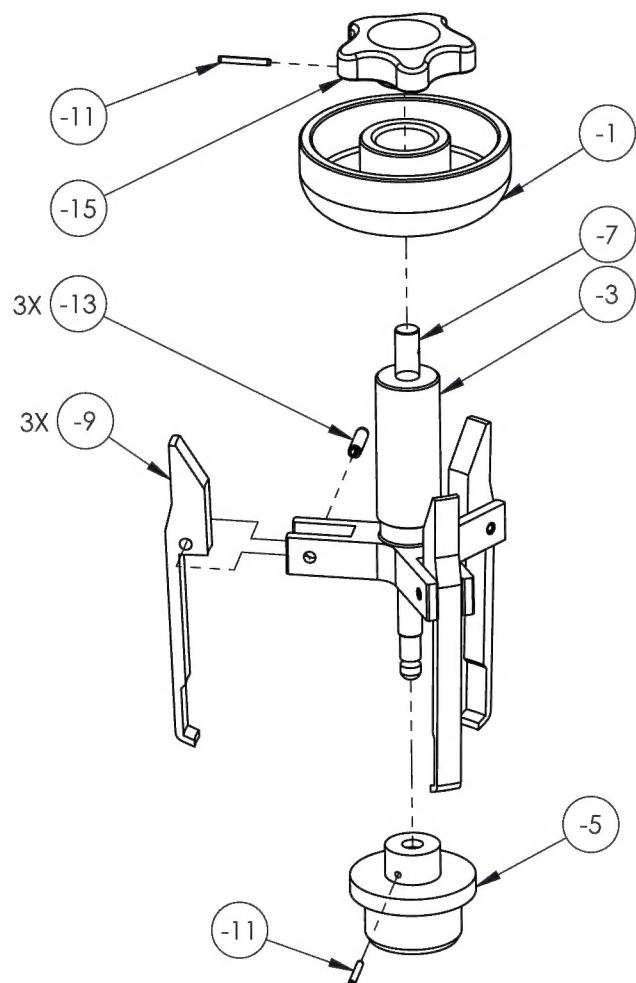
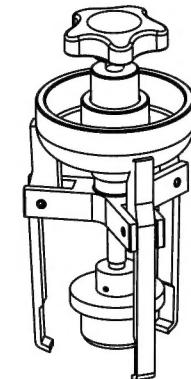
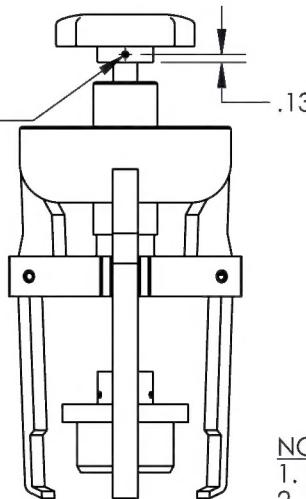


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

			REVISIONS		
REV	ECR		DESCRIPTION	DATE	INITIAL
1			RELEASED FOR PRODUCTION.	5/11/2017	RJC JAG



ϕ .097
.094 THRU ALL
(P.F.-11)



NOTE:
1. REFERENCE AGUSTA T/N 3G6305G23631.
2. PART OF KIT RBW6305G25131-3G.

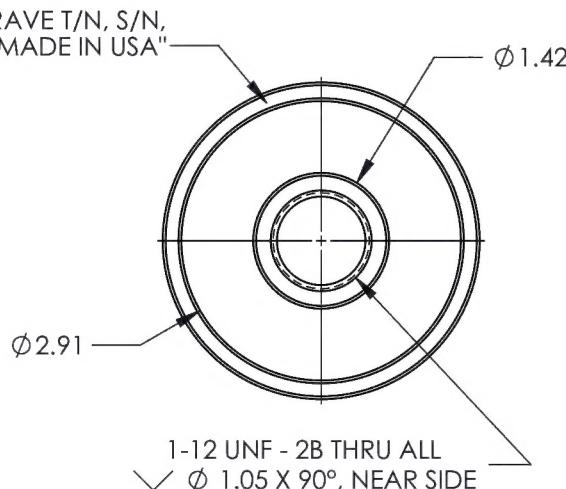
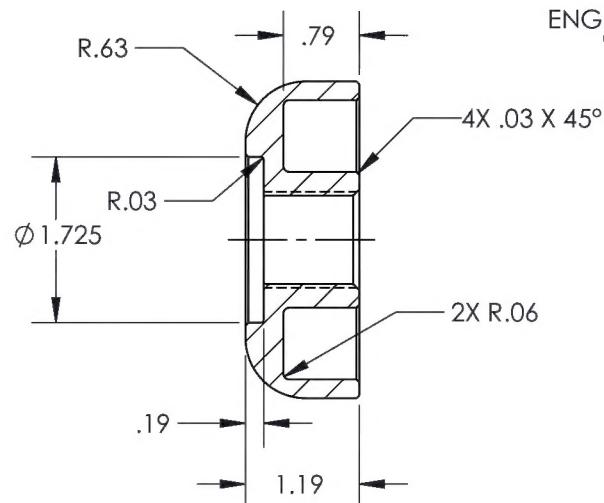
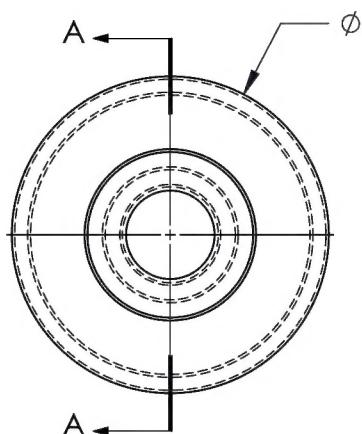
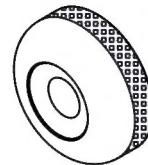
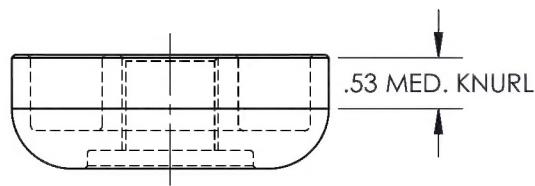
DART
AEROSPACE

TITLE		REV
TOOL, INPUT PINION MATING RING REMOVER		1
DWG NO.		RBW6305G23631-3G
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT		.XXX \pm .005 FRACTIONS \pm 1/8
FINISH		.XX \pm .01 ANGLES \pm 5°
SPEC		X \pm .1 SURFACES = 125
DRAWN BY:		RJC 05/03/2017
CHECKED:		DD 05/04/2017
OPPS APPR:		AA 05/05/2017
QA APPR:		JL 05/10/2017
APPROVED:		JAG 05/17/2017
SCALE		1:3
DATE		5/3/2017
USED ON MODEL		AW139
SHEET 1 OF 6		

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	ADJUSTER	4140/4142		2
			-3	1	YOKE	4140/4142		3
			-5	1	PIN	1018/1020 CR		4
			-7	1	THREADED ROD	B7	3/8-16 X 6 (MCMASTER-CARR #98750A080) MODIFIED	5
			-9	3	LEG	4140/4142		6
	B/O	-11	2		SLOTTED SPRING PIN	STEEL	ϕ 3/32 X 13/16 (MCMASTER-CARR #90692A009)	1
	B/O	-13	3		SLOTTED SPRING PIN	STEEL	ϕ 3/16 X 3/4 (MCMASTER-CARR #90692A723)	1
	B/O	-15	1		FIVE LOBE KNOB	POLYPROPYLENE	3-16 INSERT X ϕ 2-1/4 (MCMASTER-CARR #59625K73)	1

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		REVISIONS		
				DESCRIPTION		DATE
				INITIAL	APPROVED	



SECTION A-A

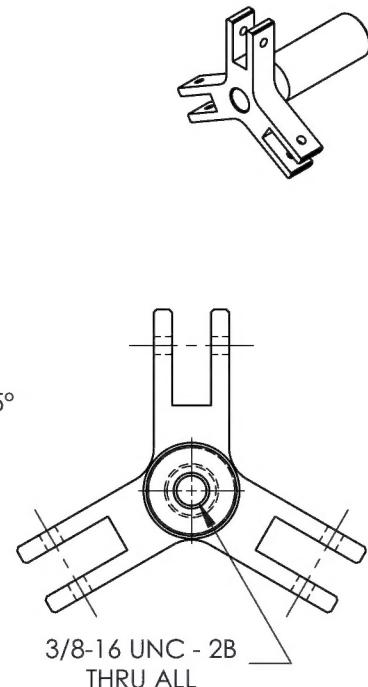
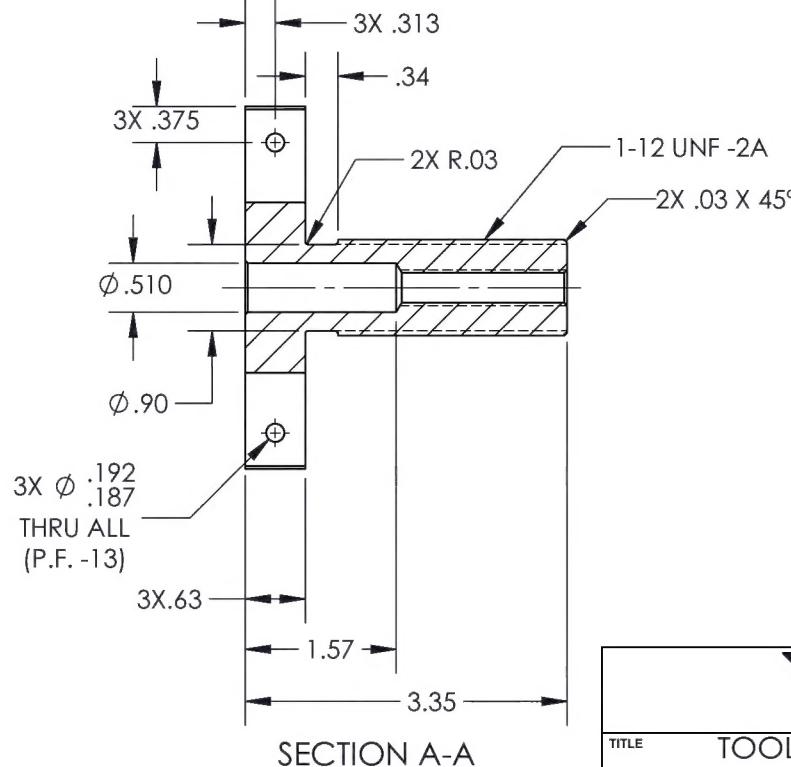
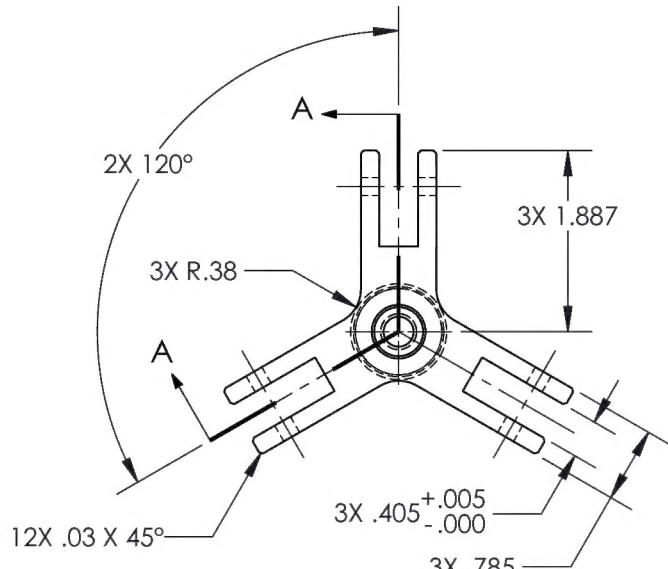
(-1)

ADJUSTER

DART AEROSPACE																																																					
TITLE																																																					
TOOL, INPUT PINION MATING RING REMOVER																																																					
DWG NO.																																																					
RBW6305G23631-3G-1																																																					
REV 1																																																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MATERIAL</td> <td style="width: 50%;">4140/4142</td> <td colspan="2" style="text-align: right;">UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT</td> <td>RC28-34</td> <td colspan="2" style="text-align: right;">DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>TREAT</td> <td></td> <td style="text-align: right;">.000 ± .005</td> <td style="text-align: right;">FRACTIONS ± 1/8</td> </tr> <tr> <td>FINISH</td> <td>ZINC PLATE</td> <td style="text-align: right;">.000 ± .01</td> <td style="text-align: right;">ANGLES ± 5°</td> </tr> <tr> <td>SPEC</td> <td>ASTM B633 TYPE I SC 2</td> <td colspan="2" style="text-align: right;">SURFACES = 125</td> </tr> <tr> <td>DRAWN BY:</td> <td>RJC 05/03/2017</td> <td colspan="2" style="text-align: right;">✓</td> </tr> <tr> <td>CHECKED:</td> <td>DD 05/04/2017</td> <td colspan="2" style="text-align: right;">1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>OPPS APPR:</td> <td>AA 05/05/2017</td> <td colspan="2" style="text-align: right;">2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>QA APPR:</td> <td>JL 05/10/2017</td> <td colspan="2" style="text-align: right;">3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>APPROVED:</td> <td>JAG 05/17/2017</td> <td colspan="2" style="text-align: right;">USED ON MODEL</td> </tr> <tr> <td>SCALE</td> <td>1:2</td> <td>DATE</td> <td>5/3/2017</td> </tr> <tr> <td></td> <td></td> <td colspan="2" style="text-align: right;">AW139</td> </tr> <tr> <td></td> <td></td> <td colspan="2" style="text-align: right;">SHEET 2 OF 6</td> </tr> </table>		MATERIAL	4140/4142	UNLESS OTHERWISE SPECIFIED		HEAT	RC28-34	DIMENSIONS ARE IN INCHES		TREAT		.000 ± .005	FRACTIONS ± 1/8	FINISH	ZINC PLATE	.000 ± .01	ANGLES ± 5°	SPEC	ASTM B633 TYPE I SC 2	SURFACES = 125		DRAWN BY:	RJC 05/03/2017	✓		CHECKED:	DD 05/04/2017	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		OPPS APPR:	AA 05/05/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		QA APPR:	JL 05/10/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		APPROVED:	JAG 05/17/2017	USED ON MODEL		SCALE	1:2	DATE	5/3/2017			AW139				SHEET 2 OF 6	
MATERIAL	4140/4142	UNLESS OTHERWISE SPECIFIED																																																			
HEAT	RC28-34	DIMENSIONS ARE IN INCHES																																																			
TREAT		.000 ± .005	FRACTIONS ± 1/8																																																		
FINISH	ZINC PLATE	.000 ± .01	ANGLES ± 5°																																																		
SPEC	ASTM B633 TYPE I SC 2	SURFACES = 125																																																			
DRAWN BY:	RJC 05/03/2017	✓																																																			
CHECKED:	DD 05/04/2017	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																																																			
OPPS APPR:	AA 05/05/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																																																			
QA APPR:	JL 05/10/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																																																			
APPROVED:	JAG 05/17/2017	USED ON MODEL																																																			
SCALE	1:2	DATE	5/3/2017																																																		
		AW139																																																			
		SHEET 2 OF 6																																																			

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
-----	--	-----	--	-------------	--	------	---------	----------



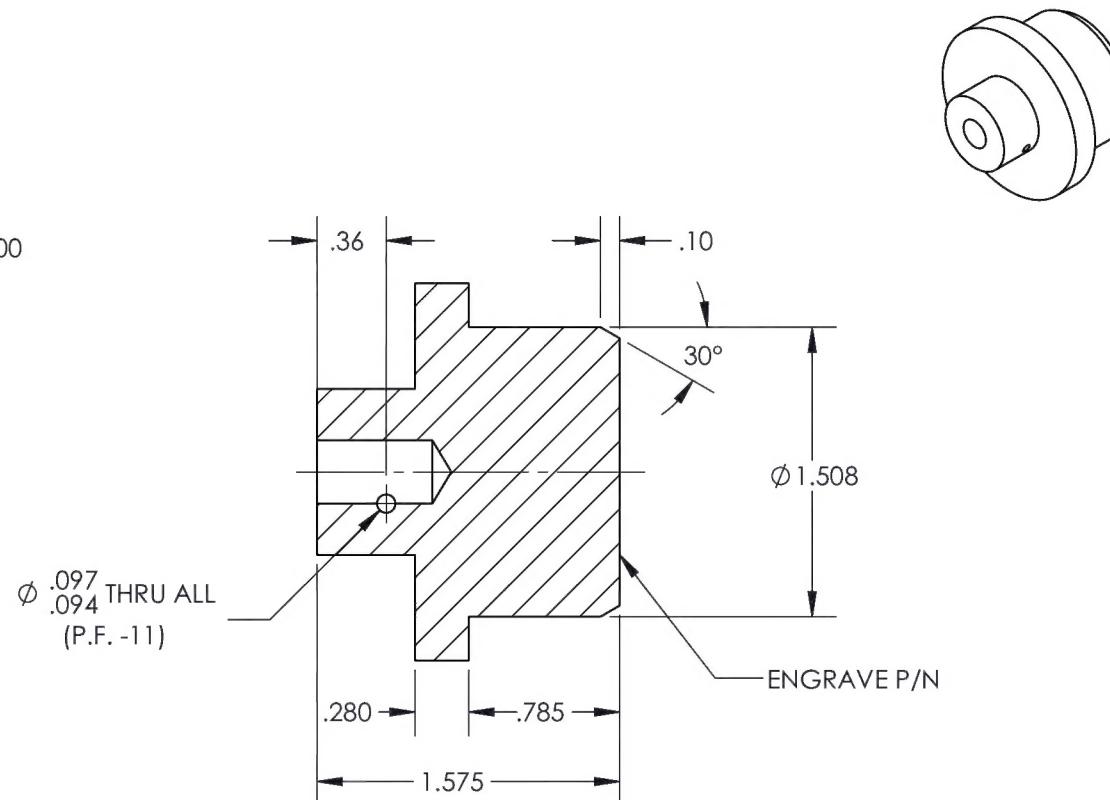
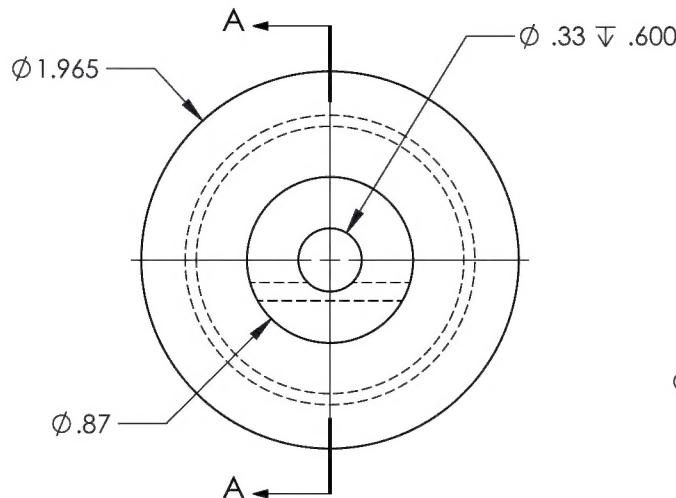
(-3)

YOKE

DART AEROSPACE	
TITLE TOOL, INPUT PINION MATING RING REMOVER	
DWG NO.	RBW6305G23631-3G-3
REV	1
MAT'L	4140/4142
HEAT	RC 28-34
TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	RJC 05/03/2017
CHECKED:	DD 05/04/2017
OPPS APPR:	AA 05/05/2017
QA APPR:	JL 05/10/2017
APPROVED:	JAG 05/17/2017
SCALE	1:2
DATE	5/3/2017
USED ON MODEL	
AW139	
UNLESS OTHERWISE SPECIFIED	DIMENSIONS ARE IN INCHES
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
X ± .1	SURFACES = 125
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SHEET 3 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
-----	--	-----	--	-------------	--	--	------	---------	----------



SECTION A-A

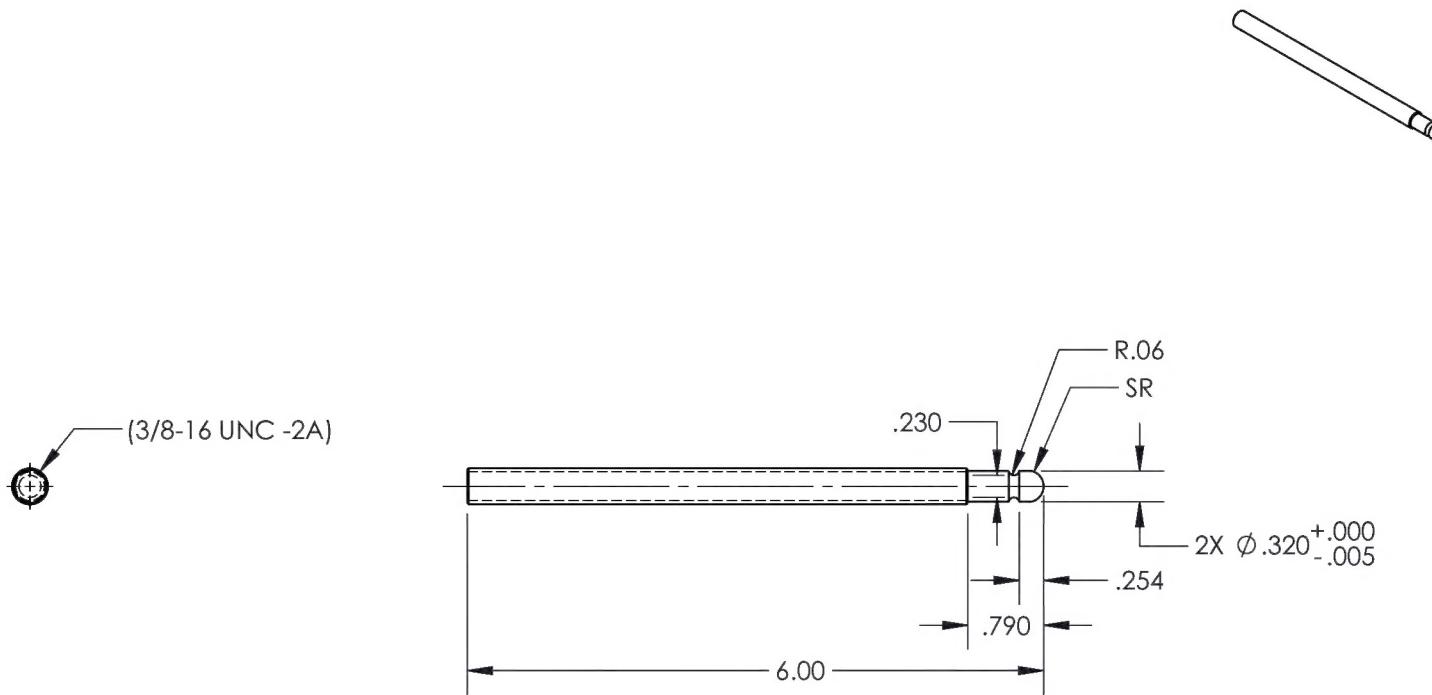
(-5)

PIN

	
TITLE	TOOL, INPUT PINION MATING RING REMOVER
DWG NO.	RBW6305G23631-3G-5
REV	1
MAT'L	1018/1020 CR
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	X ± .1 SURFACES = 125 ✓
DRAWN BY:	RJC 05/03/2017
CHECKED:	DD 05/04/2017
OPPS APPR:	AA 05/05/2017
QA APPR:	JL 05/10/2017
APPROVED:	JAG 05/17/2017
USED ON MODEL	AW139
SCALE	1:1
DATE	5/3/2017
SHEET	4 OF 6

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
-----	--	-----	--	-------------	--	------	---------	----------

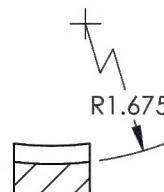
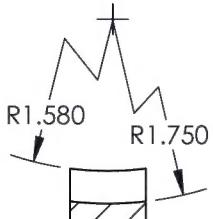
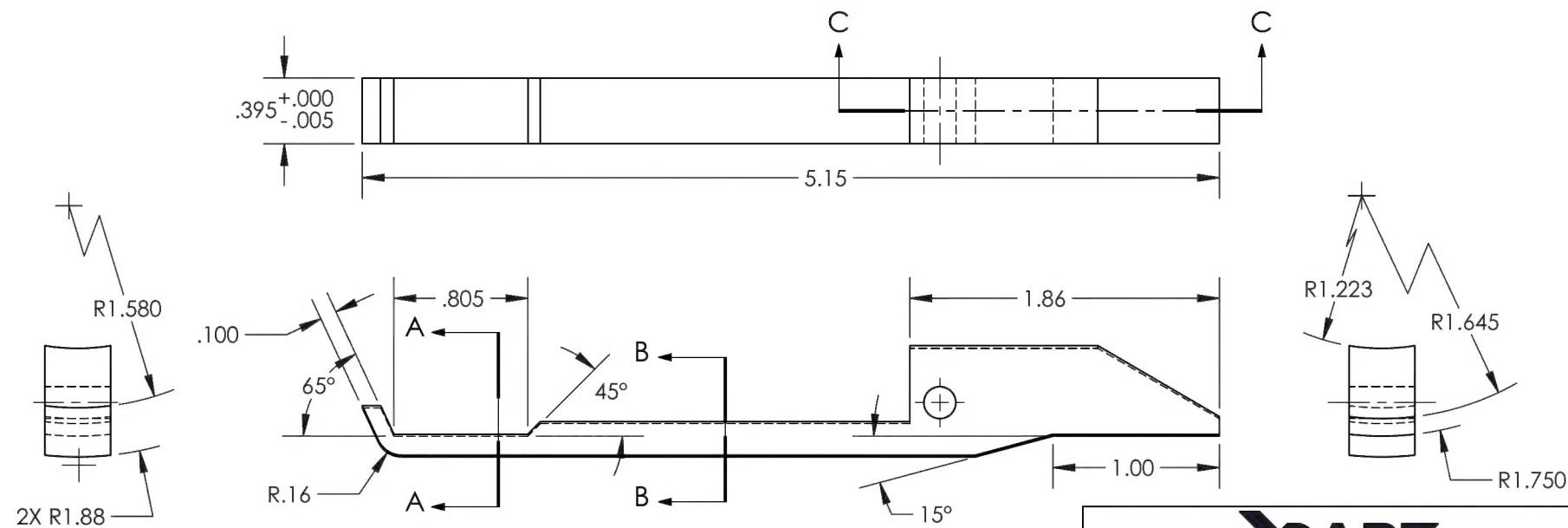
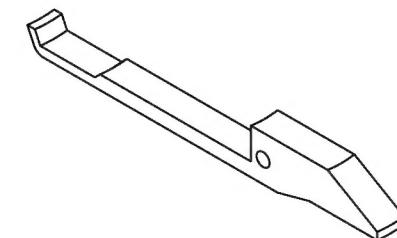
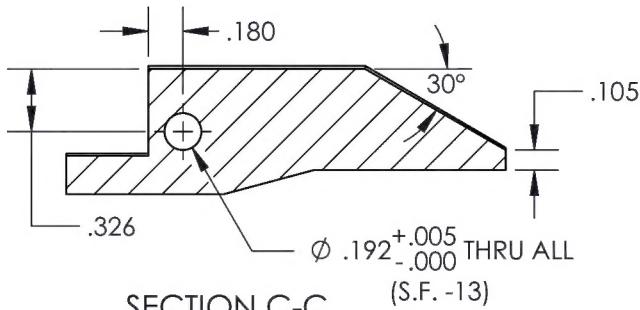


(-7)
THREADED ROD

DART AEROSPACE	
TITLE	TOOL, INPUT PINION MATING RING REMOVER
DWG NO.	RBW6305G23631-3G-7
REV	1
MAT'L	B7
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	$.XXX \pm .005$ FRACTIONS $\pm 1/8$
SPEC	$.XX \pm .01$ ANGLES $\pm 5^\circ$
	X $\pm .1$ SURFACES = 125
DRAWN BY:	RJC 05/03/2017
CHECKED:	DD 05/04/2017
OPPS APPR:	AA 05/05/2017
QA APPR:	JL 05/10/2017
APPROVED:	JAG 05/17/2017
USED ON MODEL	AW139
SCALE	1:2
DATE	5/3/2017
SHEET	5 OF 6

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
-----	--	-----	--	-------------	--	------	---------	----------



(9)

LEG

<p>DART AEROSPACE</p>	
<p>TITLE TOOL, INPUT PINION MATING RING REMOVER</p>	
DWG NO.	RBW6305G23631-3G-9
REV	1
MAT'L	4140/4142
HEAT	RC 36-42
TREAT	
FINISH	ZINC PLATE
SPEC	ASTM B633 TYPE I SC 2
DRAWN BY:	RJC 05/03/2017
CHECKED:	DD 05/04/2017
OPPS APPR:	AA 05/05/2017
QA APPR:	JL 05/10/2017
APPROVED:	JAG 05/17/2017
USED ON MODEL	AW139
SCALE	1:1
DATE	5/3/2017
SHEET 6 OF 6	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

USED ON MODEL

AW139